



PLG

Simply clever order picking verification

SWITCHING AUTOMATION LIGHT GRIDS

SICK
Sensor Intelligence.



Technical data overview

Operating range	1.3 m / 0.35 m (depending on type)
Length of cable	280 mm



Product description

Using sensors for order picking has become standard in the automotive and logistics industries. Using the PLG automation light grid for order picking offers significant advantages over conventional, manual order picking technology. The PLG is mounted at each storage bay and has an integrated job LED to display pick position. The PLG’s single-sided reflector strip saves space in the bin and reduces damage and installation costs.

At a glance

- 360° visible job LED
- Scanning range up to 2 m
- Flexible monitoring heights from 120 mm to 420 mm
- Immune to reflected and ambient light
- Switchable job LED: permanently lit or flashing
- Optically confirms correct access

Your benefits

- The integrated job LED reduces the order picker’s search time
- Low mounting costs thanks to the clever mounting concept
- High availability thanks to an integrated polarizing filter
- Robust aluminum housing ensures that sensor damage is kept to a minimum and helps save on repair costs
- Reflective tape on the sensor cuts out additional mounting and cabling costs

Ordering information

Other models and accessories → www.sick.com/PLG

- **Sub product family:** PLG3
- **Operating range:** 1.3 m
- **Beam separation:** 30 mm

Detection height	Switching output	Type	Part no.
120 mm	PNP	PLG3-120F431	1028953
210 mm	PNP	PLG3-210F431	1028548
270 mm	PNP	PLG3-270F431	1029130
360 mm	PNP	PLG3-360F431	1029131
420 mm	PNP	PLG3-420F431	1029132
810 mm	PNP	PLG3-810F430S03	1044085

- **Sub product family:** PLG6
- **Operating range:** 0.35 m
- **Beam separation:** 60 mm

Detection height	Switching output	Type	Part no.
60 mm	PNP	PLG6-060F434	1051978

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com